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PATENT
Atty. Dkt. No. APPM/002981.PY1/CPES/ESPD/PJS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Reimer et al.

Patent No.: 6,817,377

Issued: November 16, 2004

Serial No.: 09/505,580

Filed: February 16, 2000

For: PROCESSING APPARATUS
HAVING INTEGRATED
PUMPING SYSTEM

Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

REQUEST FOR CORRECTION OF CERTIFICATE OF CORRECTION

It is requested that the Certificate of Correction signed and sealed on the Fifteenth Day of August, 2006 (marked copy attached) be corrected/superseded/reissued, as appropriate, to reflect the marked changes.

A copy of the previously submitted form of Certificate of Correction is enclosed. Applicants submit that the errors in the Certificate of Correction were not made by the applicants, but were made during the printing of the Certificate of Correction. If any fee is due for the correction of Certificate of Correction, however, please charge the fee to counsel's Deposit Account No. 20-0782/APPM/2981.PY1 (KMT).

Respectfully submitted,

**Keith M. Tackett
Registration No. 32,008
PATTERSON & SHERIDAN, L.L.P.
3040 Post Oak Blvd. Suite 1500**

Houston, TX 77056
Telephone: (713) 623-4844
Facsimile: (713) 623-4846
Agent for Applicant(s)

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,817,377 B1
APPLICATION NO. : 09/505580
DATED : November 16, 2004
INVENTOR(S) : Reimer et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page,

Item [75], Inventors: Change "Paul Reimer" to --Peter Reimer--

Column 1, Line 61: Change "vacuum-pumps" to --vacuum pumps--

Column 2, Lines 27-28: Change "conventional" to --conventionally--

Column 3, Line 35: Change "throughout" to --throughput--

Column 4, line 44: Before "integrated", change "a" to --an--

Column 7, Line 27: Change "102" to --10²-- --10⁻²--

Column 7, Line 36: Change "additional" to --addition--

Column 8, Line 28: Change "Its" to --l/s--

Column 8, Line 49: Change "94" to "194"

Column 9, Line 14: Delete the comma after "the"

Column 9, Line 22: Change "65a" to --65a-c--

Table 1: Move "FORELINE" from the secondary heading of the last column to the primary heading of the last column

Table 1: Insert --Piping-- before "losses" in the secondary heading of the last column

Table 1, Column 5, Line 2: Change "3S" to --38--

Table 1, Column 3, Line 4: Change "SO" to --80--
--50--

Table 1, Column 3, Line 7: Change "300" to --100--

Column 10, Line 18: After "rather", change "that" to --than--

Column 11, Lines 21 and 28: Change each instance of "10" to --110--

Column 11, Line 32: Change "ml/s²" to --m/s²--

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,817,377 B1
APPLICATION NO. : 099/505580
DATED : November 16, 2004
INVENTOR(S) : Reimer et al.

Page 2 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 13, Line 30: Change "pump" to --Pump--

Column 15, Line 32: Change "PT" to -P₁-

Column 15, Line 62: Delete "51"

Column 16, Line 9: Insert a period after "155"

Column 16, Line 33: Delete "id"

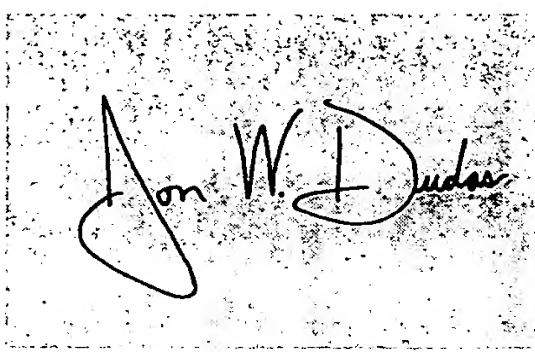
Column 18, Line 53: Change "370a,b" to --70a,b--

Column 19, Line 42: Delete "includes"

Column 19, Line 53: After "wherein", delete "each"

Signed and Sealed this

Fifteenth Day of August, 2006



JON W. DUDAS
Director of the United States Patent and Trademark Office



PATENT
Atty. Dkt. No. APPM/2981.Y1/AGS/BSS/LAP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Reimer et al.

Patent No.: 6,817,377

§

§ Group Art Unit: 1763

Issued: November 16, 2004

§ Examiner: John Rivell

Serial No.: 09/505,580

§

Filed: February 16, 2000

§

For: PROCESSING
APPARATUS HAVING
INTEGRATED PUMPING
SYSTEM

§

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Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING
37 CFR 1.8

I hereby certify that this correspondence is being deposited on
8/17, 2006 with the United States Postal Service as
First Class Mail in an envelope addressed to: Certificate of
Correction Branch, Commissioner for Patents, P.O. Box 1450
Alexandria, VA 22313-1450.

8/17/06

John M. Tackett
Signature

Dear Sir:

SECOND REQUEST FOR CERTIFICATE OF CORRECTION

Attached is a Certificate of Correction for correcting several errors throughout
the printed patent.

A petition under 37 CFR 1.182 has been submitted in order to allow the
correction of the inventor's name. The other errors are typographical in nature. The
required fee of \$100.00 was paid with the submission of a first Request for
Certificate of Correction.

Respectfully submitted,

John M. Tackett
Keith M. Tackett
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Agent for Applicant(s)

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,817,377

Page 1 of 2

APPLICATION NO. : 09/505,580

DATED : Nov. 16, 2004

INVENTOR(S) : Peter REIMER, Pedram SABOURI, Dennis SMITH

It is certified that error appears in the above-identified patent and that said Letters Patent
are hereby corrected as shown below:

On the Cover of the Patent

Item [75], Inventors: Change "Paul Reimer" to --Peter Reimer--

In the Specification

Column 1, Line 61: Change "vacuum-pumps" to --vacuum pumps--

Column 2, Lines 27-28: Change "conventional" to --conventionally--

Column 3, Line 35: Change "throughout" to --throughput--

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Column 9, Line 22: Change "65a" to --65a-c--

Table 1: Move "FORELINE" from the secondary heading of the last column to the primary heading of the last column

Table 1: Insert --Piping-- before "losses" in the secondary heading of the last column

Table 1, Column 5, Line 2: Change "3S" to --38--

Table 1, Column 3, Line 4: Change "SO" to --80--

Table 1, Column 3, Line 7: Change "300" to --100--

Column 10, Line 18: After "rather", change "that" to --than--

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Keith M. Tackett
 PATTERSON & SHERIDAN, L.L.P.
 3040 Post Oak Blvd., Suite 1500
 Houston, TX 77056-6582

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 6,817,377

Page 2 of 2

APPLICATION NO. : 09/505,580

DATED : Nov. 16, 2004

INVENTOR(S) : Peter REIMER, Pedram SABOURI, Dennis SMITH

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 11, Lines 21 and 28: Change each instance of "10" to --110--

Column 11, Line 32: Change "ml/s²" to --m/s²--

Column 12, Line 10: Before "reducing", delete "to"

Column 13, Line 30: Change "pump" to --Pump--

Column 15, Line 32: Change "PT" to --P₁--

Column 15, Line 62: Delete "51"

Column 16, Line 9: Insert a period after "155"

Column 16, Line 33: Delete "id"

Column 18, Line 53: Change "370a,b" to --70a,b--

In the Claims

Column 19, Claim 1, Line 42: Delete "includes"

Column 19, Claim 3, Line 53: After "wherein", delete "each"

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Keith M. Tackett
PATTERSON & SHERIDAN, L.L.P.
3040 Post Oak Blvd., Suite 1500
Houston, TX 77056-6582

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



DOCKET No.: APPM/2081.Y1/AGS/IBSS/LAP

SERIAL No.: 09/505,580 Pat. No. 6,817,377

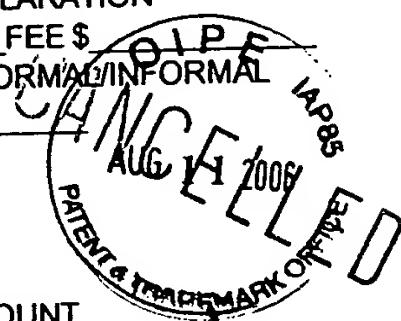
FILED: February 16, 2000

APPLICANT: Applied Materials, Inc.

INVENTOR: Reimer et al.

The Patent & Trademark Office acknowledges and has stamped hereon the date of receipt of the items checked below which were mailed August 1, 2006

- AFFIDAVIT
- AMENDMENT
- APPLICATION PAPERS - OATH/DECLARATION
- TOTAL CLS. _____ IND. CLS. _____ FEE \$ _____
- SHEET(S) OF DRAWING(S) FORMAL/INFORMAL
- ASSIGNMENT-RECORDAL FEE \$ _____
- BRIEF
- APPEAL NOTICE
- DECLARATION
- ISSUE FEE - BASE/BALANCE
- LETTER - CHARGE DEPOSIT ACCOUNT
- LETTER
- TRADEMARK/SERVICEMARK APPLICATION
- PETITION to correct inventor's name under 37 CFR 1.182
- PRELIMINARY AMENDMENT
- INFORMATION DISCLOSURE STATEMENT
- REQUEST FOR EXTENSION OF TIME
- RESPONSE TO _____
- SPECIMENS
- SMALL ENTITY
- CHECK # _____ IN THE AMOUNT OF \$ _____
- Second Request for Certificate of Correction
- Return Receipt Postcard



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